Notebook, N-92-02-17

This notebook covers the period February-June 1892. It was used by J. S. Emmons as a logbook for filament experiments, nos. 2-162. The pages are unnumbered. Approximately 30 pages have been used.

N-92-02-17

XE-172

Feb 17 1992

J. S. Simmons

Feb 17/872 Emmons # 2

Treated 2 lamps with another good results no blue on clamp & very little blue on bulbs measured 51 volts

Feb 17/872 Emmons # 3

Treated 2 lamps same as above good results no blue on clamps bulbs Discolored measured 49-34

Feb 18/872 Emmons # 4

Treated 2 lamps same as above good results but bulbs Discolored on bulbs 50 volts

Feb 23 Emmons # 5

2 lamps treated with methyl alcohol & Nitrites Deposit blue off of clamps on bulbs 56 volts

Feb 23 Emmons # 6

2 lamps treated the same as # 5 Deposit the same 53 volts

Feb 23 Emmons # 7

2 lamps treated the same as # 5 only lamps taken off of treating bath & run sealed on machine no blue on clamps

Feb 23 Emmons # 8

2 lamps treated the same as # 5 bulb a little Discolored

Feb 23 Emmons # 9

2 lamps treated the same as # 5 bulbs very much Discolored

Feb 23 Emmons # 10

2 lamps treated the same as # 5 very little Discolour on bulbs

Feb 23 Emmons # 11

2 lamps treated the same as # 5 only run through with out worked on 200 air

Feb 24 Emmons # 12

2 lamps treated the same as # 11

Feb 24 Emmons # 13

2 lamps treated with methyl alcohol treated on 120 air blue on clamps

Feb 24 Emmons # 14

1 lamps treated with commercial alcohol very slow to Deposit

Feb 24/892 Emmons # 15

2 lamps the same as # 5 only run off on 120 air

Feb 25 Emmons # 16

2 lamps treated the same as # 15

Feb 26 Emmons # 17

2 lamps treated with methyl alcohol & naptha good Deposit on carbons very little Discolored

Feb 26 Emmons 18

2 lamps treated the same as # 17

Feb 26 Emmons # 19

2 lamps treated with 1/2 methyl alcohol 1/2 gasoline good Deposit on carbon bulbs a little Discolored

Feb 27/892 Emmons # 20

2 lamps treated with methyl alcohol naptha bulb a little Discolored

Feb 27/892 Emmons # 21

1 lamps treated with methyl alcohol naptha bulbs a little Discolored blue on clamps

Feb 29 Simmons #22

2 lamps treated with the same as #21 about the same result

Feb 29 Simmons #23

2 lamps treated with 1/2 Gasolin & 1/2 amyl acetate good Deposit on carbon bulb blue on clamp & will not work off

Feb 29 Simmons #24

2 lamps treated with 1/2 methyl alcohol 1/2 naphtha bulb a little Discoloured

Feb 29 Simmons #25

2 lamps treated 1/2 amyl acetate & 1/2 Gasolin taken off of treating lamps & run off on another no blue on clamp

Feb 29 Simmons 26

2 lamps treated with Xylol very quick Deposit on carbon no blue on clamp but bulbs very badly Discoloured

Feb 29 Simmons #27

2 lamps treated with 1/2 naphtha 1/2 methyl alcohol no blue on clamp bulb very little Discoloured

Feb 29 Simmons #28

2 lamps treated with 1/2 Gasolin & 1/2 amyl acetate good Deposit on carbons blue clamp & will not work off bulb not Discoloured but very little

March 1st Simmons #29

2 lamps treated with Xylol bulbs very badly Discoloured impossible to get them without

March 1st Simmons #30

2 lamps treated with methyl alcohol naphtha bulbs a little Discoloured no blue on clamp

March 1st Simmons #31

2 lamps treated with Xylol Quick Deposit on carbon bulbs very black no good

March 1st Summons 32

2 lamps treated with 1/2 amyl & 1/2 Gasolen bulbs Discoloured & blue on clamp & will not work off

March 1st Summons # 33

2 lamps treated with the same as # 32 about same results

March 1st Summons # 34

2 lamps treated Gasolen & methyl alcohol bulbs not Discoloured but blue on clamps

March 1st Summons # 35.

2 lamps treated with Xylol & methyl alcohol good Deposit on carbon bulb a little black on blue on clamp

March 2 Summons # 36

2 lamps treated with Xylol & methyl alcohol good Deposit on carbon & no blue on clamp bulb a little Discoloured

March 2 Summons 37

2 lamps treated with amyl & Gasolen bulbs a little Discoloured good Deposit on carbon blue will not work off of clamp

March 2 Summons # 38

2 lamps treated with methyl alcohol Xylol on blue on clamp good Deposit on carbon bulbs a little Discoloured

March 2 Summons # 39

2 lamps treated with Gasolen & amyl bulbs Discoloured blue will not work off of clamp with good Deposit on carbon

March 2 Summons # 40

2 lamps treated with 1/2 amyl & 1/2 Xylol very blue Deposit on carbon blue will not work off clamp & bulb very much Discoloured no good

March 3 Summons # 41

2 lamps treated with methyl alcohol & Xylol good Deposit on carbon very no blue on clamps bulbs a little Discoloured

March 3 Summons # 42

2 lamps treated with Gasolen & Xylol good & much Deposit on carbon no blue on clamp bulb a little Discoloured

March 3/99 Summons 43

2 Lamps treated with amiol & Xylol good Deposit on carbons ~~&~~ blue on clamps and bulbs very black

March 3. Summons 44

2 lamps treated with Xylol & Gasolin bulbs Discoloured good Deposit on carbons & no blue on clamp

March 3 Summons 45.

2 Lamps treated with Turpentine & Xylol very slow Deposit bulbs very black & blue on clamp

March 4 Summons 46

2 lamps treated with amiol & Xylol bulbs very black blue thick not worth of clamp but good Deposit on carbons

March 4 Summons 47

2 lamps treated with Gasolin & Xylol good & quick Deposit on carbons no blue on clamp bulb with very much Discoloured

March 4 Summons #48

2 lamps treated with Benzole & Xylol bulbs very black good Deposit on carbons & no blue on clamp.

March 4. Summons #49

2 lamps treated with Naphtha & Xylol good Deposit on carbons & no blue in clamp but bulbs quite Discoloured

March 5. Summons #50

2 lamps treated with Ether & Xylol bulbs quite Discoloured slow Deposit on carbons no blue on clamp

March 5 Summons #51

2 lamps treated with Naphtha & Xylol good Deposit on carbons no blue on clamp bulbs quite Discoloured

March 5 Summons #52

2 lamps treated with acetone & Xylol very slow Deposit on carbons bulb a little Discoloured no blue on clamp

March 7 Gummous # 53

2 lamps treated with oil camphor & xylol slow Deposit on carbons bulbs quick Discoloured no blue on clamps

March 7 Gummous # 54

5 lamps treated with purified alcohol & Naphtha good Deposit on carbons very little blue on clamps bulbs but little Discoloured

March 7 & 8 2 Gummous # 55

5 lamps treated the same as # 54 about same results

March 8 Gummous # 56

2 lamps treated with Kerosene oil good & quick Deposit on carbons bulbs very little Discoloured but blue hard to work off of clamps

March 8 Gummous # 57

2 lamps treated with alcohol amylic & xylol slow Deposit bulbs very black no blue on clamps

March 8 Gummous # 58

2 lamps treated the same as # 57 about same results

March 8 Gummous # 59

2 lamps treated with Kerosene good & quick Deposit on carbons bulbs very little Discoloured but blue on clamps

March 9 Gummous # 60

2 lamps treated with Kerosene oil good & quick Deposit on carbons bulbs a little Discoloured but blue on clamps

March 9 Gummous # 61

2 lamps treated the same as # 60 about same Results

March 9 Gummous # 62

2 lamps treated with Kerosene & xylol good & quick Deposit on carbons bulbs quick black no blue on clamps

March 9 Gummous # 63

lamps treated the same as # 62 about same Results

March 9 Summons # 64

2 lamps treated with methyl alcohol & Kerosene good Deposit on carbons bulbs very little Discoloured but blue on clamp

March 9 Summons # 65.

2 lamps treated with Kerosene & Xylol good Deposit on carbons no blue bulbs quite Discoloured

March 10 Summons # 66

2 lamps treated with methyl alcohol & Kerosene good Deposit on carbons blue on clamp bulb very little Discoloured

March 10 Summons # 67

2 lamps treated with Kerosene & Naphtha good & quick Deposit on carbons no blue on clamp bulbs a very little Discoloured

March 10 Summons # 68

2 lamps treated with Kerosene & methyl alcohol good Deposit on carbons bulbs very little Discoloured very little blue on clamp

March 10 Summons # 69

2 lamps treated with amyl acetate & Kerosene very slow Deposit on carbons bulbs very little Discoloured blue will not work off of clamp

March 10 Summons # 70

2 lamps treated with naphtha & Kerosene good & quick Deposit on carbons bulbs very little very little blue on clamp

March 11 Summons # 71

2 lamps treated with Kerosene & amyl alcohol good Deposit on carbons bulbs very little Discoloured no blue on clamp

March 11 Summons # 72

2 lamps treated with Kerosene & amyl acetate very slow Deposit on carbons bulbs very little Discoloured blue on clamp

March 11 Summons # 73

2 lamps treated with naphtha and Kerosene quick Deposit on carbons no blue on clamp bulbs very little Discoloured

March 11 Emmons # 74

2 lamps treated with Kerosene & Gasoline very good Deposit on carbons no blue on clamps bulbs not Discoloured

March 11 Emmons # 75

2 lamps treated the same as 74 about same results

March 11 Emmons 76

2 lamps treated with ampl water & Kerosene slow Deposit on carbon bulbs very little Discoloured blue will not work off of clamps

March 11 Emmons 77

2 lamps treated with acetone & Kerosene slow Deposit on carbon blue hard to work off bulbs not Discoloured

March 12 Emmons 78

5 lamps treated with Gasoline & Kerosene good Deposit on carbons no blue on clamps bulbs not Discoloured

March 12 Emmons # 79

2 lamps treated with acetone & Kerosene slow Deposit on carbons blue will not work off of clamps bulbs not Discoloured

March 14 Emmons 80

10 lamps Duplicated of # 47

March 15 Emmons 81

10 lamps Duplicated of # 49 & 51

March 16 Emmons # 82

2 lamps treated with Gasoline Kerosene & Benzole good Deposit on carbons bulbs a little Discoloured blue works off of clamps very good

March 16 Emmons # 83

2 lamps treated same as # 82 about same results

March 16 Emmons 84

2 lamps treated with Benzine good & quick Deposit on carbons bulbs a little Discoloured ~~bulbs~~ blue works off of clamps

March 16 Summon # 83.

2 lamps treated with Naphtha good Deposit on carbons no blue on lamps bulbs not Discoloured

March 16 Summons # 86

2 lamps treated with the same as # 84 about same results

March 16 Summons # 87

2 lamps treated the same as # 85 about same results

March 16 Summons # 88

2 lamps treated with Gasolen & Naphtha good Deposit on carbons no blue on lamps bulbs very little Discoloured

March 17 Summons # 89

2 lamps treated the same as # 88 about same results

March 17 Summons # 90

2 lamps treated with Gasolen & Benzine good Deposit on carbons blue will not work off of lamps bulbs very little Discoloured

March 17 Summons # 91

2 lamps treated the same as # 90

March 17 Summons # 92

2 lamps treated with Kerosine & Gasolen good Deposit on carbons bulbs very little Discoloured blue hard to work off

March 17 Summons # 93

2 lamps treated with Naphtha & Kerosine good & quick Deposit on carbons bulbs not Discoloured blue will not work off

March 17 Summons # 94

2 lamps treated same as # 92 about same results

March 17 Summons # 95

2 lamps treated with same as # 93 about same results

March 18 Summons # 96

2 lamps treated with Benzine Kerosine & Naphtha good Deposit on carbons bulbs very little black blue will not work off of lamps

March 18 Emmons # 97

2 lamps treated with Gasolin Burgun & Kirosun very slow Deposit on carbons blue still not work off of lamps bulbs little Discolorated

March 19 Emmons # 98

4 lamps treated with same as # 96 about same results

March 22 Emmons # 99

10 lamps Duplicated of # 56

March 22 Emmons 100

10 lamps Duplicated of # 62

out of 1 Box March 23 Emmons 101

2 lamps treat with naphtha & Burgun to 7 7/4 volts before lamps are before treating 108 110 volts

out of 2 Box March 23 Emmons 102

2 lamps treated the same as # 101

out of Box 3 March 23 Emmons # 103

2 lamps treated the same as # 101

out of Box 4 March 23 Emmons # 104

2 lamps treated the same as # 101

March 24 Emmons 105

10 lamps Duplicated of # 67 & 70

March 24 Emmons 106

4 lamps treated with Burgun & Rigolen good Deposit on carbons blue not hard to work off bulbs not Discolorated

March 20 Emmons 107

4 lamps treated with Rigolen good Deposit on carbons no blue on lamps bulbs very little Discolorated

March 20 Emmons 108

4 lamps treated with Naphtha & Rigolen good Deposit on carbon blue on lamps bulbs not Discolorated

March 20 Emmons 109

2 lamps treated with Rigolen & Gasolin very slow Deposit on carbons no blue on lamps bulbs not Discolorated

March 25 Emmons 110

4 lamps treated with Rigolin & amyl acetate good & quick Deposit on carbons lamps a little blue bulbs not Discoloured

March 26 Emmons #111

4 lamps treated with Rhigolin & Benzole good Deposit on carbons bulbs little Discoloured blue wrotes off of clamps quick good

Box #1 March 28 Emmons #112

2 lamps 10 C 110 volts treated to 50 volts

Box #2 March 28 Emmons 113

2 10 C lamps this same as #112

Box #3 March 28 Emmons 114.

2 . 10 C lamps treated this same as #112

Box #4 March 28 Emmons 115

2 . 10 C lamps treated this same as #112

March 29 Emmons 116

4 lamps treated with 186 chemical quick good on carbons no blue on clamps bulbs not Discoloured

March 31 Emmons #117

10 lamps another Duplicate of #49

April 1st Emmons #118

10 lamps Duplicate of #88 & #89

April 2d Emmons 119

2 lamps treated with naphtha & Gasoline

April 4 Emmons 120

4 lamps treated with #194 chemical good results

April 4 Emmons #121

2 lamps treated with #193 chemical very slow Deposit on carbons blue on clamps bulbs not Discoloured

April 5 Emmons 122

4 lamps treated with # 189 Chemical Good Deposit on carbons bulbs not Discoloured blue while not work off of clamps

April 5 Emmons 123

4 lamps treated # 190 Chemical slow Deposit on carbons bulbs not Discoloured blue while not work off of clamps

April 5 Emmons 124

2 lamps treated with # 171 Chemical very slow blue on clamps bulbs not Discoloured

April 5 Emmons 125

4 lamps treated with # 178 Chemical good Deposit on carbon bulbs not Discoloured but blue on clamps

April 6 Emmons 126

4 lamps treated with # 188 Chemical very slow Deposit bulbs not Discoloured blue while not work off

April 11 Emmons # 127

2 lamps treated with # 208 Chemical very slow Deposit on carbons blue while not work off of clamps bulbs not Discoloured

April 11 Emmons # 128

2 lamps treated with Chemical # 202 quick good Deposit on carbon blue while not work off of clamps no Discoloured on bulbs

April 12 Emmons 129

2 lamps treated with # 211 Chemical good Deposit on carbon no blue on clamps bulbs not Discoloured

April 13 Emmons # 130

10 lamps Duplicate of # 2

April 14 Emmons 131

10 lamps same as # 180

April 16 Emmons 132

April 16 Emmons 183
4 lamps treated with # 222
Chemical good & quick Deposit
on carbons bulbs not Discoloured
only blue on clamps

April 16 Emmons 184
4 lamps treated with chemical
223 slow Deposit on carbons
blue on clamps & bulbs a little
Discoloured

April 16 Emmons 185
4 lamps treated with emulsion
Not treated too much very slow
Deposit on carbons blue on clamps
bulbs Discoloured

April 16 Emmons 186
2 lamps [illegible]

April 18 Emmons 187
2 lamps treated with Chemical
224 bulbs very black quick
good Deposit on carbons no blue
on clamps

April 18 Emmons 188
2 lamps treated with Chemical
226 bulbs very black
slow Deposit on carbons no
blue on clamps

April 22 Emmons 189
24 Deposited clamp lamps treated
with amyphor to about 48 volts
for Mr Jackson clamps much
better for treating but still Discol-
our bulbs a little

April 23 Emmons 140
2 lamps x x x

May 9/892 Emmons 141
4 lamps treated with #18
chemical from Harris good
& quick Deposit on carbons
bulbs very little Discoloured
blue quite hard to work off

May 24/892 Emmons 142
10 lamps treated with the new
amplion treatment O.K.

Emmons #145 May 25/892 Emmons 143
18 Lamps treated with amplion
then taken out & tied in cir
bulbs for Mr Jackson

May 26/892 Emmons 144
2 132 volt lamps treated down
to 50 volts with amplion

May 27/892 Emmons 145
10 Lamps treated with amplion
with high current

May 27/892 Emmons 146
10 lamps Duplicate of #142
broken by accident left stand

May 28/892 Emmons 147
30 Lamps for Mr Jackson treated
with amplion stamped out in lots
& new lamps amplion treated on

May 31/892 Emmons 148
10 lamps treated with ~~amplion~~ amplion gio of &
Quick & Dayoid

June 1/892 Emmons 149
10 lamps treated with amplion
treatment same as above

June 1/892 Emmons 150
10 lamps treated with amplion same
as #149 & #148

June 2/892 Emmons 151
10 lamps treated with amplion ~~[illegible]~~
two volts first treatment

June 3/892 Emmons 152
10 lamps treated with amplion same
as #151

June 4/892 Emmons 153
10 lamps treated with amplion same
as 151

June 9/892 Emmons 154
10 lamps treated amplion for Mr
Dzelins test

June 14/892 Summons 153

10 lamps treated with amylum
lamps removed and new tops &
new clamp mortar put on over
the old clamp

June 15/892 Summons 156

10 lamps treated the same as #
155

June 16/892 Summons 158

10 lamps treated the same as #155

[illegible] Summons 158

10 lamps treated the same as #157

June 17/892 Summons 159

10 lamps treated the same as #157

June 18/892 Summons 161

20 lamps treated with amylum &
new clamps put on for correction

June 20/892 Summons 161

10 lamps treated with XXV

June 20/892 Summons 162

10 lamps treated same as #161